



***United States Environmental Protection Agency***

***Office of Emergency Management  
National Decontamination Team  
Erlanger, KY 41018***

***June 2011***

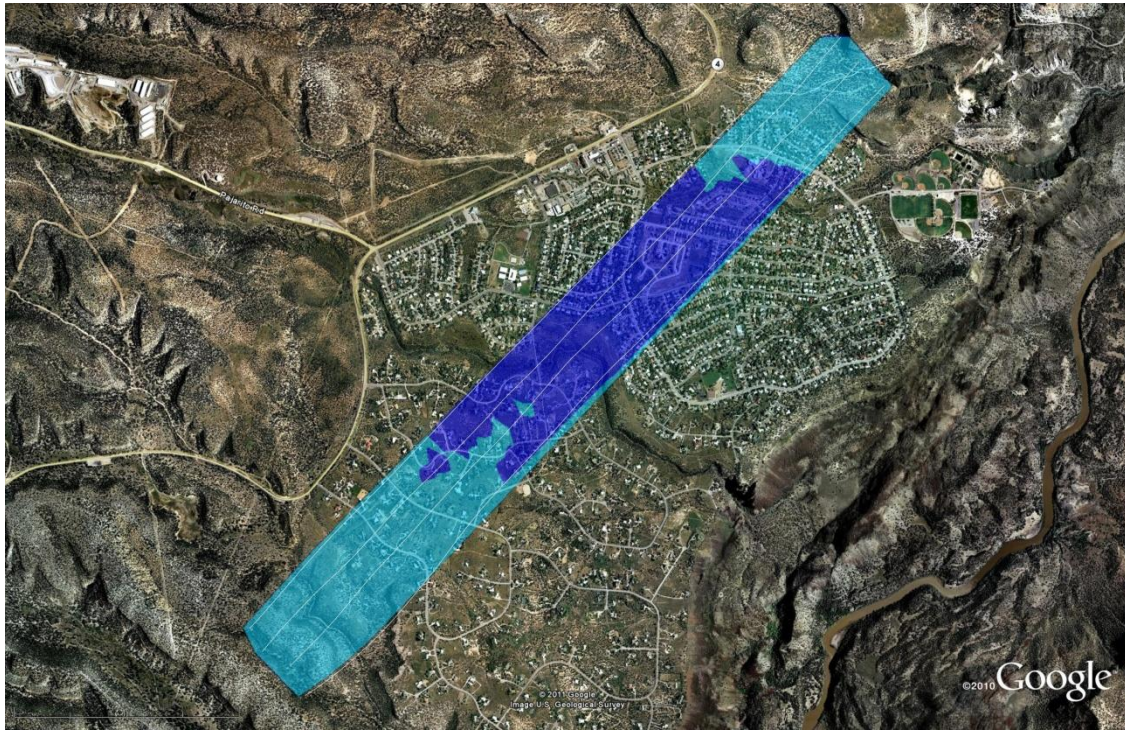
***Revised Mission Report 1 – June 29, 2011  
Las Conchas Survey  
Preliminary Report  
For Official Use Only***

***EPA ASPECT Team***

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*Image 1*

**White Rock Area  
Exposure Rate Contour Map  
June 29, 2011**



Parameter Exposure Rate (uR/hr)	
< 5.0000	25.000 : 30.000
5.0000 : 10.000	30.000 : 35.000
10.000 : 15.000	35.000 : 40.000
15.000 : 20.000	40.000 : 45.000
20.000 : 25.000	> 45.000



ASPECT Program

**Flight Parameters**

1000 ft altitude  
500 ft line spacing  
110 knots  
1 second acquisition time

Radiation can be measured in exposure rate. Typical background exposure rates in New Mexico range from 5 - 20  $\mu\text{R/hr}$ . The maximum exposure rate for this survey was 9  $\mu\text{R/hr}$ . This is in the normal range. The exposure rate contour map indicates estimated radiation exposure rates on the ground and can be used to identify hazardous levels of radiation. This map indicates that there are no hazardous levels in the area surveyed.



## Image 2

**Los Alamos East Area  
Exposure Rate Contour Map  
June 29, 2011**



Parameter Exposure Rate (uR/hr)	
< 5.0000	25.000 : 30.000
5.0000 : 10.000	30.000 : 35.000
10.000 : 15.000	35.000 : 40.000
15.000 : 20.000	40.000 : 45.000
20.000 : 25.000	> 45.000

**Flight Parameters**

1000 ft altitude  
500 ft line spacing  
110 knots  
1 second acquisition time

Radiation can be measured in exposure rate. Typical background exposure rates in New Mexico range from 5 - 20  $\mu\text{R/hr}$ . The maximum exposure rate for this survey was 12  $\mu\text{R/hr}$ . This is in the normal range. The exposure rate contour map indicates estimated radiation exposure rates on the ground and can be used to identify hazardous levels of radiation. This map indicates that there are no hazardous levels in the area surveyed.

**Brief Discussion of Results**

*All chemical and radiological data collected over the Los Alamos East and White Rock Areas showed no significant detections.*

*All chemical data over the White Rock area showed no significant detections. No smoke was observed over both locations resulting in no chemical detections.*

*If there are further questions, please contact:*

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